

# INTERNATIONAL SEARCH REPORT

International Application No  
'GB2004/004558

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 B23Q1/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B23Q G01B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 114 693 A (EMUGE-WERK RICHARD GLIMPEL FABRIK FUER PRAEZISIONSWERKZEUGE) 11 July 2001 (2001-07-11) paragraph '0013! - paragraph '0015!; figure 1	1-10
A	US 5 109 223 A (SCHMITT ET AL) 28 April 1992 (1992-04-28) cited in the application column 5, line 3 - line 13; figure 4	1-13
A	US 4 158 319 A (BLOCKLEY ET AL) 19 June 1979 (1979-06-19) the whole document	1-13
A	US 4 536 661 A (MCMURTRY ET AL) 20 August 1985 (1985-08-20) the whole document	1-13

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

4 February 2005

Date of mailing of the international search report

28/02/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Watson, S

# INTERNATIONAL SEARCH REPORT

International Application No  
GB2004/004558

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 1114693	A	11-07-2001	DE	10000174 A1	19-07-2001
			EP	1114693 A2	11-07-2001
US 5109223	A	28-04-1992	DE	3813949 A1	09-11-1989
			AT	65838 T	15-08-1991
			DE	58900197 D1	05-09-1991
			EP	0346562 A1	20-12-1989
			JP	1307602 A	12-12-1989
US 4158319	A	19-06-1979	GB	1594233 A	30-07-1981
			DE	2806489 A1	24-08-1978
			FR	2380836 A1	15-09-1978
			IT	1092758 B	12-07-1985
			JP	54000293 A	05-01-1979
US 4536661	A	20-08-1985	DE	3372536 D1	20-08-1987
			EP	0126195 A1	28-11-1984
			WO	8401621 A1	26-04-1984
			JP	3072925 B	20-11-1991
			JP	59501875 T	08-11-1984

BEST AVAILABLE COPY